

Application No. 09/833,546

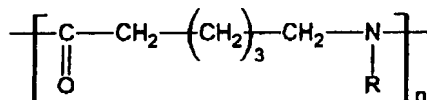
Seamed Belts for Printers;" U.S. Patent Application Serial No. 09/088,011, (D/97683), filed May 28, 1998, entitled, "Unsaturated Carbonate Adhesives for Component Seams;" U.S. Patent Application No. 09/615,444 (D/99598), filed July 13, 2000, entitled, "Polyimide Adhesive For Polyimide Component Interlocking Seams;" U.S. Patent Application No. 09/615,426 (D/99598Q), filed July 13, 2000, entitled, "Process For Seaming Interlocking Seams Of Polyimide Component Using Polyimide Adhesive"; U.S. Patent Application Serial No. 09/660,248 (D/99610), filed September 13, 2000, entitled, "Imageable Seamed Belts Having Fluoropolymer Adhesive Between Interlocking Seaming Members;" U.S. Patent Application Serial No. 09/660,249 (D/99610Q), filed September 13, 2000, entitled, "Imageable Seamed Belts Having Fluoropolymer Overcoat;" U.S. Patent Application Serial No. 09/833,930 (A0895) filed April 11, 2001, entitled, "Imageable Seamed Belts Having Hot Melt Processable, Thermosetting Resin and Conductive Carbon Filler Adhesive Between Interlocking Seaming Members;" U.S. Patent Application Serial No. 09/833,965 (D/A0895Q), filed April 11, 2001, entitled, "Conductive Carbon Filled Polyvinyl Butyral Adhesive;" U.S. Patent Application Serial No. 09/833,488 (D/A0895Q1), filed April 11, 2001, entitled, "Dual Curing Process for Producing a Puzzle Cut Seam;" and U.S. Patent Application Serial No. 09/833,507 (A0584Q) filed April 11, 2001, entitled "Polyamide and Conductive Filler Adhesive." The disclosures of each of these references are hereby incorporated by reference in their entirety.

Please substitute the following paragraph beginning on page 15, line 15 and ending on page 16, line ²³~~8~~ for the pending paragraph beginning on page 15, line 15 and ending on page 16, line ²³~~8~~ as follows:

A preferred adhesive for use with a belt seam, preferably a puzzle cut belt seam, is a polyamide resin. In embodiments, the polyamide resin is alcohol-soluble. By "alcohol-soluble," Applicants refer to materials, which dissolve in alcohols such as butanol, ethanol, methanol and the like. In embodiments, the polyamide resin in the adhesive has functional pendant groups selected from the group consisting of methoxy,

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ethoxy and hydroxy pendant groups. In embodiments, the pendant functional group is a methoxy methylene group. In embodiments, the polyamide has the following formula:



wherein n is a number of from about 50 to about 1,000, or from about 150 to about 500, or about 270, and wherein R is selected from the group consisting of hydrogen; alkyl having from about 1 to about 20 carbons, or from about 1 to about 10 carbons, such as methyl, ethyl, propyl and the like; alkoxy having from about 1 to about 20 carbons, or from about 1 to about 10 carbons such as methoxy, ethoxy, propoxy and the like; alkyl alkoxy having from about 1 to about 20 carbons, or from about 1 to about 10 carbons such as methyl methoxy, methyl ethoxy, ethyl methoxy, methyl dimethoxy, methyl trimethoxy, and the like; and alkylene alkoxy having from about 1 to about 20 carbons, or from about 1 to about 10 carbons such as methylene methoxy, ethylene ethoxy, and the like. In embodiments, monomers of the above formula can be included in an adhesive composition, wherein R can be hydrogen, methylene methoxy, and methylene dimethoxy, or R in the adhesive composition can be from about 40 to about 80 mole percent hydrogen, or from about 50 to about 65 mole percent hydrogen, or about 64 mole percent hydrogen; and from about 20 to about 45 mole percent methylene methoxy, or from about 30 to about 35 mole percent methylene methoxy, or about 32 mole percent methylene methoxy; and from about 1 to about 10 mole percent methylene dimethoxy, or from about 1 to about 5 mole percent methylene dimethoxy, or about 4 mole percent methylene dimethoxy. Typical commercially available alcohol-soluble polyamide polymers suitable for use herein include those sold under the trade names LUCKAMIDE® 5003 from Dai Nippon Ink, NYLON® 8, CM4000® and CM8000® both from Toray Industries, Ltd., and other N-methylene methoxy pendant polyamides such as those prepared according to the method described in Sorenson and Campbell, "Preparative Methods of Polymer Chemistry," second edition, pg. 76, John Wiley & Sons, Inc., 1968, and the like, and mixtures thereof.